WHAT IS CLAIMED IS:

1. A data processing apparatus connectable to a LAN, comprising:

input means for inputting data;

communication means for transmitting and receiving data;

output means for outputting the data that has been input via said input means or received via said communication means;

detection means for detecting an error state in said output means;

transfer means for transferring the data to another apparatus connected to the LAN thereby outputting the data via the other apparatus in a case where said detection means has detected an error state in said output means; and

storage means for storing information identifying the other apparatus to which the data has been transferred via said transfer means.

2. A data processing apparatus according to Claim 1, wherein the data to be transferred via said transfer means is configured according to the TCP/IP protocol.

3. A data processing apparatus connectable to a LAN, comprising:

storage means for storing image data;

decision means for determining whether said storage means can store image data or not; and

transfer means for transferring the image data to another apparatus connected to the LAN in the case where said decision means has determined that said storage means is in a status in which it cannot store the image data,

wherein said transfer means determines the image data to be transferred according to an attribute of the image data, and then transfers the image data.

4. A data processing apparatus according to Claim 3, wherein the data to be transferred via said transfer means is configured according to the TCP/IP protocol.

5. A data processing apparatus according to Claim 4, wherein said transfer means defines the priority of the image data based on its attribute, and transfers the image data in the order according to its defined priority.

6. A data processing apparatus connectable to a LAN, comprising:

image data storage means for storing image data;

decision means for determining whether said image data storage means can store image data or not;

ascertaining means for ascertaining whether another apparatus connected to the LAN has the capability of saving the image data in a case where said decision means has determined that said image data storage means is in a status in which it cannot store the image data;

transfer means for transferring the image data to the other apparatus connected to the LAN in a case where said ascertaining means has ascertained that the other apparatus has the capability of saving the image data; and

management information storage means for storing management information to identify the other apparatus to which the image data has been transferred via said transfer means.

7. A data processing apparatus according to Claim 6, wherein said management information storage means stores page number, coding scheme, resolution, page size, transfer destination, and data amount of the image data.

8. A data processing apparatus connectable to a LAN, comprising:

receiving means for receiving image data;

transfer means for transferring the image data

received via said receiving means to another apparatus connected to the LAN;

detection means for detecting an error in the LAN which error makes it impossible to transfer the image data via said transfer means; and

output means for outputting an indication of the error in the LAN detected by said detection means.

9. A data processing apparatus according to Claim 8, wherein, in a case where said detection means has detected an error in the LAN, said receiving means refuses reception of image data that requires transfer via said transfer means, and receives image data that does not require transfer via said transfer means.

10. A data processing apparatus according to Claim 9, wherein said detection means performs an operation for detecting an error, at arbitrary time intervals.

11. A data processing apparatus according to Claim 10, wherein said output means outputs a visible indication and/or an audible signal for indicating the error in the LAN.

12. A data processing apparatus connectable to a LAN,

comprising:

reading means for reading an image of an original document or printed material;

communication means for transmitting and receiving image data;

output means for outputting image data;

analysis means for analyzing a process command contained in a packet received via the LAN or via a communication line; and

setting means for setting a process mode based on the process command analyzed by said analysis means, wherein said reading means, said communication means, and said output means perform their processes in said process mode,

wherein, when said setting means has set the process mode to a reading mode, reading of the image of the original document or the printed material is performed, when said setting means has set the process mode to a communication mode, data contained in the received packet is transmitted via the communication line or the LAN, and when said setting means has set the process mode to an output mode, the data contained in the received packet is output.

13. A data processing apparatus according to Claim 12, wherein said setting means sets the process mode for

each packet received via the LAN or the communication line, wherein said process mode is set according to a process command contained in said each packet.

14. A data processing apparatus according to Claim 12, wherein said setting means maintains the process mode unchanged
until a packet containing a command indicating the end of the mode has been received via the LAN or the communication line.

15. A data processing apparatus according to Claim 12, wherein said setting means defines a priority of said process modes, and sets the process mode to a mode corresponding to a process command contained in a received packet wherein said process mode is set according to its defined priority.

16. A data processing apparatus connectable to a LAN, comprising:

input means for inputting image data;

detection means for detecting an error in said data processing apparatus;

transfer means for transferring the image data received via said input means to another apparatus

connected to the LAN in a case where said detection means has detected an error in said data processing apparatus; and

storage means for storing information representing the other apparatus, to which the image data has been transferred, in the case where the image data has been transferred to the other apparatus connected to the LAN.

17. A data processing apparatus according to Claim 16, wherein

said input means inputs image data received via the LAN or via communication line.

18. A data processing apparatus according to Claim 17, wherein said detection means detects an error in image memory of said data processing apparatus and/or an error in a printer of said data processing apparatus.

19. A data processing apparatus connectable to a LAN, comprising:

input means for inputting image data including destination information; and

transfer means for transferring the image data that has been input via said input means, to another apparatus connected to the LAN,

wherein, if the destination of the image data that has been input via said input means is another apparatus connected to the LAN, said transfer means automatically transfers the image data to the apparatus identified by the destination information.

20. A method of controlling a data processing apparatus connectable to a LAN, comprising:

an input step of inputting image data;

a detection step of detecting an error in the data processing apparatus;

a transfer step of transferring the image data, that has been input in said input step, to another apparatus connected to the LAN in a case where an error in the data processing apparatus has been detected in said detection step; and

a storage step of storing information indicating a transfer destination in a case where the image data has been transferred to another apparatus connected to the LAN in said transfer step.

21. A method of controlling a data processing apparatus connectable to a LAN, comprising:

a receiving step of receiving image data;

a transfer step of transferring the image data

received in said receiving step to another apparatus connected to the LAN;

a detection step of detecting an error in the LAN that makes the transfer in said transfer step impossible;

an output step of outputting an indication of the error in the LAN detected in said detection step.

22. A method of controlling a data processing apparatus connectable to a LAN, comprising:

an analysis step of analyzing a process command contained in a packet received via the LAN or a communication line; and

a setting step of setting a reading mode, communication mode, and output mode based on the process command analyzed in said analysis step,

wherein, in said setting step, each mode is set in such a manner that: an original document or printed material is read in the reading mode; data contained in a received packet is transmitted via the communication line or the LAN in the communication mode; and data contained in a received packet is output in the output mode.